

METHOD FOR CONTROLLING DATA RETRANSMISSION AND CONTROL
UNIT FOR IMPLEMENTING THE METHOD

ABSTRACT

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Frames exchanged between a control unit and a radio
terminal via base stations are encapsulated, with
timestamping information, in frames over an
asynchronous interface between the control unit and
10 each station. The timestamping information accompanying
a data frame over the asynchronous interface indicates
an instant of transmission of the said frame by each
station according to a time counter specific to the
radio section of the connection. The information
15 accompanying an acknowledgement frame over the
asynchronous interface indicates an instant of
reception of the said frame by each station according
to the said time counter. The instant of transmission
of a data frame is stored. On reception of an
20 acknowledgement frame accompanied by a timestamping
information element indicating an instant of reception
and indicating the non-reception by the terminal of the
said data frame, the reception of the acknowledgement
frame is selectively taken into account for the
25 retransmission of the said data frame, on the basis of
a comparison between the said instants of reception and
transmission.

Figure 5